

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT  
ASSISTANT SECRETARY FOR HOUSING-FEDERAL HOUSING COMMISSIONER

Series and Series Number:

Supersedes issue  
dated May 23, 1994)

MATERIALS RELEASE NO. 1204c

TO: DIRECTORS, HOUSING DIVISION  
DIRECTORS, MULTIFAMILY DIVISION  
DIRECTORS, SINGLE FAMILY DIVISION

ISSUE DATE: May 1, 1997

REVIEW DATE: May 1, 2000

SUBJECT: 1. Product Brickette® Panels

2. Name and Address  
of Manufacturer

Panel Brick Manufacturing, Inc.  
P.O. Box 907  
Owensboro, KY 42302

Data on the nonstandard product described herein have been reviewed by the Department of Housing and Urban Development and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, approval or acceptance by HUD of the described product, and any statement or representation, however made, indicating such approval, endorsement or acceptance by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Exterior Siding or Interior Paneling

DESCRIPTION:

Brickette® Panels are siding panels designed to simulate brick veneer construction. The panels are fabricated using 1,850 °F kiln-fired SW - grade brick slabs (Brickettes), 7 1/2" x 2 1/4" x 1/2" thick, that meet the requirements of ASTM C-216. The Brickettes are bonded with a synthetic rubber base adhesive to a 1/2" thick fiberboard nail-base sheathing that complies with ASTM D-2277. There are 36 Brickettes per 16 1/2" x 48" x 1" panel. The Brickettes are assembled on the panel in running bond pattern with space for mortar joints remaining between the Brickettes. Each Brickette® Panel contains six courses. The Brickette® panel area is approximately five and one-half (5.5) square feet. The running bond pattern provides a three-Brickette overlap at each end of the Brickette® Panel.

The Brickette® Panels are applied horizontally, using mechanical fasteners driven into the joints between the Brickettes. Mortar is then applied in the joints covering all mechanical fastener heads.

All materials used in the manufacture of this product and all installation procedures, unless modified herein, shall comply with HUD Minimum Property Standards (MPS) and the Uniform Building Code.

INSTALLATION:

Installation shall be in strict compliance with the manufacturer's specifications, HUD MPS, applicable Uniform Building Codes and the following provisions:

1. The exterior wall construction shall provide adequate resistance to racking independent of the Brickette® Panels, in compliance with HUD MPS.
2. Brickette® Panels may be applied over open stud framing 16" o.c. The panels shall be fastened along the studs using galvanized roofing nails with 7/16" diameter heads, power driven staples, or "T" nails with 3/8" minimum head width, in compliance with Use of Materials Bulletin (UM) No. 25. All fasteners shall be a minimum of 1 1/2" long, and shall penetrate a minimum of 1" into the support framing. Each individual panel shall be fastened with two fasteners per square foot, and a minimum of 12 per panel.
3. Brickette® Panels may also be used over sheathed walls that provide adequate racking resistance, using a minimum 1/2" sheathing, with stud spacing exceeding 16" o.c. Sheathing shall not be used as a mechanical fastener base. All fasteners shall be driven into studs, with a minimum of 1" penetration.
4. A vapor barrier shall be installed on the warm side of the wall, in accordance with HUD MPS.
5. On masonry walls, fluted shank masonry nails shall be used. Where masonry is too dense for these nails, drill for 3/16" expansion button head (Tappit) fasteners. Irregular walls shall be leveled with sand cement plaster. Each individual panel shall be fastened with two fasteners per square foot, and a minimum of 12 per panel.
6. When all Brickette® Panels are secured in place, fill the joints with mortar consisting of a mixture of 1 part masonry sand with 1 to 2 1/2 parts Portland cement. All joints shall be tooled with a 1" radius tool. After tooling, all excess mortar shall be removed. The following day, any mortar film remaining on the panel shall be cleaned with a solution of 4 to 5 percent muriatic acid.

WARRANTY:

Panel Brick Manufacturing, Inc., shall warrant their Brickette® Panel, brick veneer siding against delamination or other defects in manufacture for a period of 20 years, when installed by a Panel Brick Manufacturing, Inc., approved building contractor, in compliance with Panel Brick Manufacturing, Inc., specifications, and the conditions of this Materials Release (MR).

This warranty will not apply when defects or damages are due to misuse, Acts of God, or other causes beyond the control of the manufacturer.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance, or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, Manufactured Housing and Standards Division, HUD Headquarters, with a representative list of properties in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD, in advance, of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate User Fee shall be sent to:

U.S. Department of Housing and Urban Development  
Technical Suitability of Products Fees  
P.O. Box 954199  
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of this MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system;
2. the manufacturer has changed its organizational form without notifying HUD; or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

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This Materials Release is issued solely for the captioned firm, and is not transferable to any person or successor entity.

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